

SRL-6079S LED PAR USER MANUAL



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Introduction

Thank you for purchasing SRL-6079S LED PAR. This product is featured with balanced mix of RGB LED, and operated via DMX, AUTO, Sound Active and Master/Slave. It will provide you splendid vision enjoyment.

● Features

- * Adjust the color temperature to the best by mixing the RGB LED
- * Linear brightness adjustable
- * Dynamic Strobe and Fade pattern
- * Desired Strobe and Fade adjustable
- * Strobe Speed: 0.4 times/s ~16 times/s
- * Color preset, and “rainbow” color available.
- * 8 built-in programs
- * DMX 512 Control, 5 DMX Channels (R, G, B, Fade, Strobe)

● Mode

- * DMX-512 control
- * Auto through the internal program
- * Sound Active
- * Master/Slave

● Configuration

- * 50 0.044W Red LED, 33 0.064W Green LED, 24 0.064W Blue LED

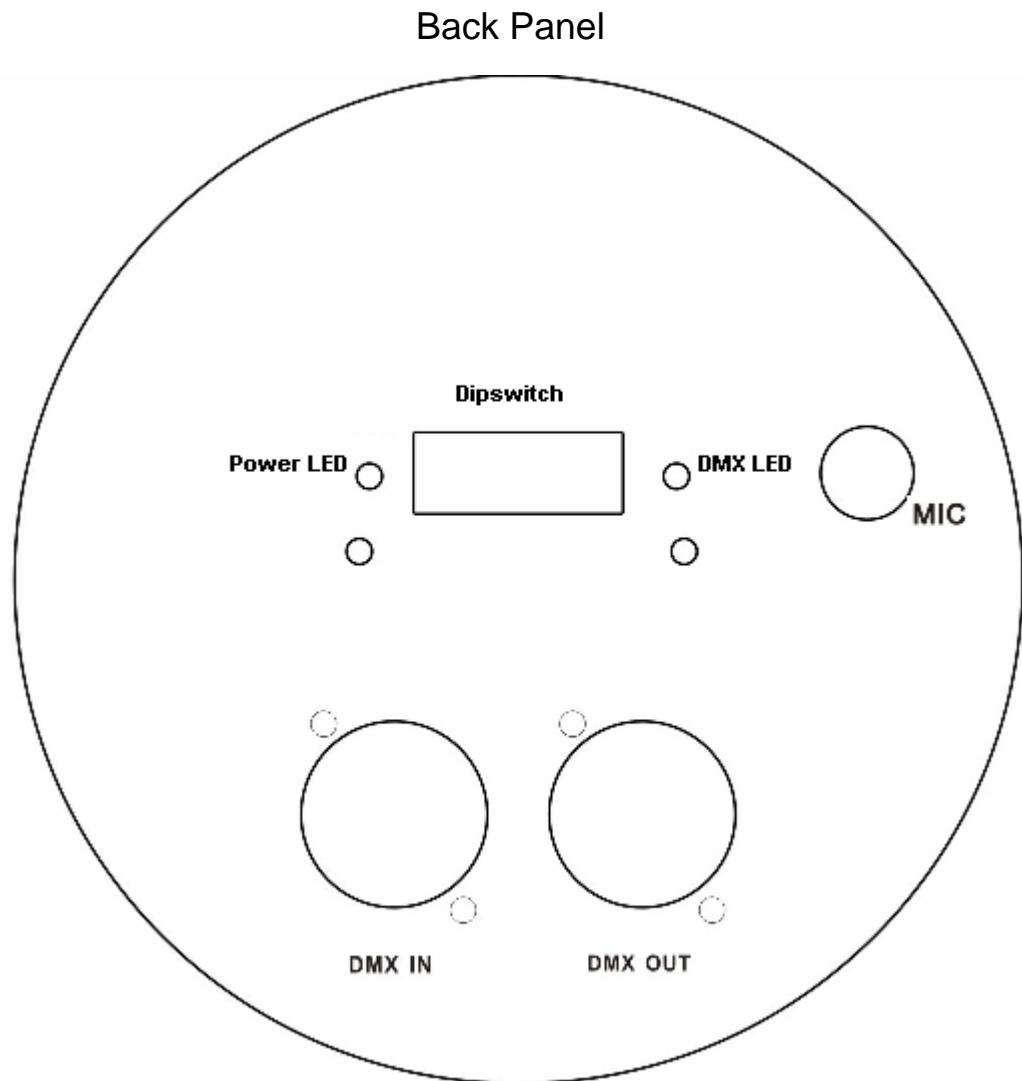
Safety Information

Read this manual before powering or installing the fixture. Follow the safety information listed below and observe all warnings in this manual. If you have any question about how to operate the fixture safely, please contact the dealer or Neo-Neon after service.

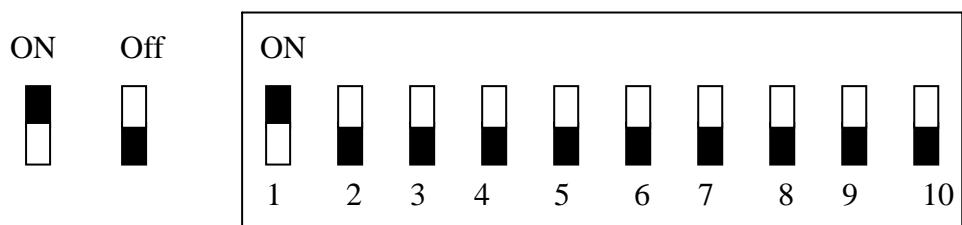
- Always ground earth electrically. And use only the power supply compliance with electrical code.
- For indoor use only. Always keep in dry and ventilated place and away from the rain and moisture.
- Do not block the air vent.
- Do not operate if the ambient temperature exceed 40°C.
- Replace the fuse and the bulbs with the same specified type.
- No spare parts are available. If needed, please contact the factory.

If any problem, please contact the professionals or the technicians.

Operation Instruction



1. Explanation for Dipswitch



- Dipswitch: #1, #2, #3, #4, #5, #6, #7, #8, #9, #10
- ON=1, OFF=0
- The switch does not function, that is ON/OFF does not matter = X
- As the above figure, #1 =ON =1, the rest #2, #3, #4, #5, #6, #7, #8, #9, #10 =OFF=0

2. Function

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
DMX Function		DMX Setting: Set Switch #1~#9 to "1" (ON) or "0"(OFF) to your need. For the detail, please refer to DMX Setting Chart.									1
Master/Slave		X	X	X	X	X	X	X	X	X	1
Master	Auto for Fade	Switch #1~#3 correspond for the Program Selection. Set Switch #1~#3 to "1" (ON) or "0"(OFF) to your need. For the detail, please refer to Program Selection Chart..			Switch#4~#6 correspond for the Speed. Set Switch#4~#6 to "1" (ON) or "0"(OFF) to your need. For the detail, please refer to Speed Selection Chart..			1	X	0	0
	Auto for No Fade							0	X	0	0
	Sound Active				X	X	X	X	X	1	0

Function Explanation:

a. Sound Active:

1. No fade
2. The running of the Built-in Program is triggered by sound. (one trigger, one step)
3. Every Program has different built-in sound-activated program. Select the program by Switch #1~#3.

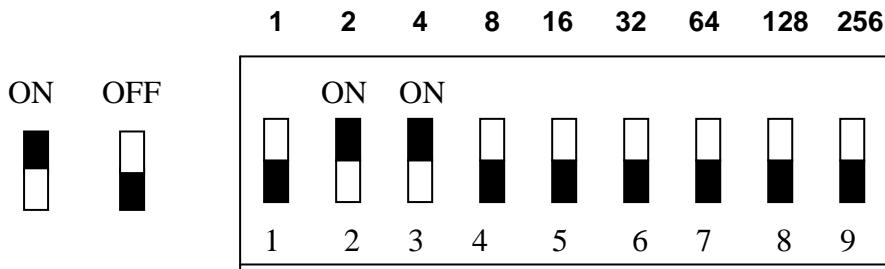
b. Master/Slave:

Set one lamp to AUTO mode with the others lamp to DMX mode. Thereafter, the master and the slave run synchronically.

c. DMX mode:

1. Set the DMX value (1~512) based on the binary system for Switch #1, #2, #3,#4, #5, #6, #7, #8, #9.
2. Plug in the DMX 3-Pin XLR signal cable.

d. Example for DMX Address Setting



1. Switch #1 value=0, #2 value =2, #3 value =4, #4 value =0, #5 value =0, #6 value =0, #7 value =0, #8 value =0, #9 value =0
2. The Address Value = $0+2+4+0+0+0+0+0+0=6$
3. Please refer to the DMX Address Chart as attached for the DMX Address "6".

e. Program Selection Chart

#1	#2	#3	Program Selection
0	0	0	Select the 1 st program (Red Strobe)
1	0	0	Select the 2 nd program (Green Strobe)
0	1	0	Select the 3 rd program (Blue Strobe)
1	1	0	Select the 4 th program (Red and Green, Strobe)
0	0	1	Select the 5 th program (Red, and Blue, Strobe)
1	0	1	Select the 6 th program (Green and Blue, Strobe)
0	1	1	Select the 7 th program (Red, Green, Blue, Strobe)
1	1	1	Select the 8 th program (rainbow)

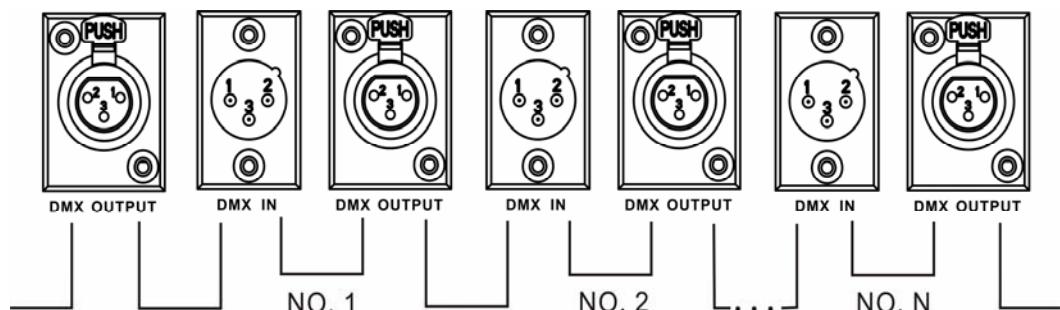
f. Speed Selection Chart

#4	#5	#6	Speed Selection
0	0	0	Speed1 (the fastest)
1	0	0	Speed2
0	1	0	Speed3
1	1	0	Speed4
0	0	1	Speed5
1	0	1	Speed6
0	1	1	Speed7
1	1	1	Speed8 (the slowest)

g. DMX Channel Function

CHANNEL	VALUE	FUNCTION
Channel1	0~255	Set to 0~255 to your need Red LED Brightness is 0%~100% of the total brightness.
Channel2	0~255	Set to 0~255 to your need Green LED Brightness is 0%~100% of the total brightness.
Channel3	0~255	Set to 0~255 to your need Blue LED Brightness is 0%~100% of the total brightness.
Channel4	0~255	Set to 0~255 to your need All the LED Brightness is 0%~100% of the maximum brightness.
Channel5	0~10	No Strobe
	11~255	Set to 11~255 to your need All the LED strobe. 11 the slowest, 255 the fastest

h. DMX Connection



i. 3-Pin Connector

Pin 1 GND Ground, Pin 2 –Cold –Signal, Pin 3 +Hot +Signal

Maintenance and Cleansing

a. Troubleshooting

Trouble	Cause	Remedy
Fixtures do not respond.	No power supply Fuse burned	Check the mains power switch and the cables. Disconnect the power and replace the fuse with the same specification. If the fuse is burned again, the problem should be cause by the circuit. Please consult the technician.
The reset is normal. But the fixtures do not respond or act abnormally via controller or Master /Slave.	Incorrect or incomplete data connection Whether set to Master mode or not Wrong DMX address The signal port of one lamp has failures.	Check the data cable. Ensure the signal input of the first fixture and the output of the controller to be connected. Set to Slave mode via DMX control Check and unify the address setting. Pull out the signal output and input of one fixture. Then connect both directly. If it works well, this fixture is proved to be the failed one. Handle the rest fixtures alike to check which fixture has problems. If any problem, please connect the technician.
	The signal output of the controller doesn't match the signal input of the lamp. (PINS2—3 incorrect)	dial "PHASE", interchange PIN2 and PIN3's position

b. Cleansing

SRL-6079S requires simple routine maintenance to secure its long life span and best performance.

1. Maintain the cleaning of the fan and the air vents. Dust should be removed from the fan and the vents periodically to secure the cooling and heat dissipation.
2. Maintain the cleaning of the optical components.
3. Check the wires such as the wire connection or the earthed wire periodically to secure the safety.

Specification

Voltage Input: AC120V/240V

Fuse: 2A/125V 1A/250V

Power:11W

Light Source: Red, 50Pieces, size ϕ 10, power 0.044W

Green, 33 pieces, size ϕ 10, power0.064W

Blue, 24pieces, size ϕ 10, power0.064W

Dimming:0~100%

DMX Channel: 5 DMX Channels

RGB mixed balance: 255 levels

Size: ϕ 225×340

Weight: 2.5KG

DMX Address Quick Reference Chart

Dip Switch Position

DMX DIP SWITCH SET					#9	0	0	0	0	0	0	0	1	1	1	1	1	1	1		
					#8	0	0	0	0	1	1	1	0	0	0	0	1	1	1		
					#7	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	
					#6	0	1	0	1	0	1	0	0	1	0	1	0	1	0	1	
#1	#2	#3	#4	#5																	
0	0																				
0	0	0	0	0		32	64	96	128	160	192	224	256	288	320	352	384	416	448	480	
1	0	0	0	0		1	33	65	97	129	161	193	225	257	289	321	353	385	417	449	481
0	1	0	0	0		2	34	66	98	130	162	194	226	258	290	322	354	386	418	450	482
1	1	0	0	0		3	35	67	99	131	163	195	227	259	291	323	355	387	419	451	483
0	0	1	0	0		4	36	68	100	132	164	196	228	260	292	324	356	388	420	452	484
1	0	1	0	0		5	37	69	101	133	165	197	229	261	293	325	357	389	421	453	485
0	1	1	0	0		6	38	70	102	134	166	198	230	262	294	326	358	390	422	454	486
1	1	1	0	0		7	39	71	103	135	167	199	231	263	295	327	359	391	423	455	487
0	0	0	1	0		8	40	72	104	136	168	200	232	264	296	328	360	392	424	456	488
1	0	0	1	0		9	41	73	105	137	169	201	233	265	297	329	361	393	425	457	489
0	1	0	1	0		10	42	74	106	138	170	202	234	266	298	330	362	394	426	458	490
1	1	0	1	0		11	43	75	107	139	171	203	235	267	299	331	363	395	427	459	491
0	0	1	1	0		12	44	76	108	140	172	204	236	268	300	332	364	396	428	460	492
1	0	1	1	0		13	45	77	109	141	173	205	237	269	301	333	365	397	429	461	493
0	1	1	1	0		14	46	78	110	142	174	206	238	270	302	334	366	398	430	462	494
1	1	1	1	0		15	47	79	111	143	175	207	239	271	303	335	367	399	431	463	495
0	0	0	0	1		16	48	80	112	144	176	208	240	272	304	336	368	400	432	464	496
1	0	0	0	1		17	49	81	113	145	177	209	241	273	305	337	369	401	433	465	497
0	1	0	0	1		18	50	82	114	146	178	210	242	274	306	338	370	402	434	466	498
1	1	0	0	1		19	51	83	115	147	179	211	243	275	307	339	371	403	435	467	499
0	0	1	0	1		20	52	84	116	148	180	212	244	276	308	340	372	404	436	468	500
1	0	1	1	0		21	53	85	117	149	181	213	245	277	309	341	373	405	437	469	501
0	1	1	0	1		22	54	86	118	150	182	214	246	278	310	342	374	406	438	470	502
1	1	1	0	1		23	55	87	119	151	183	215	247	279	311	343	375	407	439	471	503
0	0	0	1	1		24	56	88	120	152	184	216	248	280	312	344	376	408	440	472	504
1	0	0	1	1		25	57	89	121	153	185	217	249	281	313	345	377	409	441	473	505
0	1	0	1	1		26	58	90	122	154	186	218	250	282	314	346	378	410	442	474	506
1	1	0	1	1		27	59	91	123	155	187	219	251	283	315	347	379	411	443	475	507
0	0	1	1	1		28	60	92	124	156	188	220	252	284	316	348	380	412	444	476	508
1	0	1	1	1		29	61	93	125	157	189	221	253	285	317	349	381	413	445	477	509
0	1	1	1	1		30	62	94	126	158	190	222	254	286	318	350	382	414	446	478	510
1	1	1	1	1		31	63	95	127	159	191	223	255	287	319	351	383	415	447	479	511

Dip Switch Position

DMX Address